



Natural Resources Conservation Service
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May 25, 2013

SOUTH CAROLINA TECHNICAL GUIDE
NOTICE 339

File Code: TCH 450

Subject. Release of a revised Livestock Watering System Design Tool [v3.2 (WELL only)]

Purpose. To release and distribute the Livestock Watering System Design Tool (Well) v3.2.

Effective Date. This notice is effective when received.

Background. Added temporary and electric fencing specifications to Fencing (382) Standard and Specification

Explanation. SC_Design_Tool v3.1_Livestock_Watering_System_Pipeline-WELL_July2012 was used in an August 2012 LWS training session and certain items were identified as needing clarification/revision. The tool used to design Livestock Water Systems when using a well as the water source has been revised. Changes to the design tool are described on the Notes Tab within the tool. The primary revision was to redirect a formula to look at "velocity", rather than flow rate, when evaluating the occurrence of water hammer in short pipe sections.

Filing Instructions. The tool used to design Livestock Water Systems when using a well as the water source has been loaded to the FOTG at **FOTG/Section IV/Tools/Eng Tools/ LWS** folder. The name of the worksheet file is *SC_Design_Tool_v3.2_LWS_WELL_Jan2013.xlsm*. The version number and date are reflected in the file name. The previous version of the tool has been removed from the FOTG. A copy of this notice can be found in Section I under the folder "FOTG Notices and Updates".

Contact. Yasmin Bennett, State Water Management Engineer, (843) 549-1821, ext. 3 or yasmin.bennett@sc.usda.gov.

A handwritten signature in blue ink that reads "Eric Fleming".

ERIC FLEMING
State Conservation Engineer

DIST: All FOTG Holders

